

# **APPARATUS AND METHOD FOR DETECTING AND SELECTIVELY FILTERING CO-CHANNEL INTERFERENCE**

## **ABSTRACT OF THE DISCLOSURE**

5           Method and apparatus for use with digital television receivers are included among the  
embodiments. In exemplary systems, the presence of an interfering analog television signal  
(e.g., an NTSC signal) in the same channel as a DTV signal is verified by detecting the  
presence of analog sync signals in the received signal band. When sync signals of the proper  
frequency are detected, an analog TV signal rejection filter is inserted in the DTV received  
10   signal processing path. Other embodiments are described and claimed.